

TECHNICAL DATA SHEET

“Shielding Elastomer”

Product Description: This product is an EPDM that is filled with conductive particles. It be supplied as fully cured, conductive sheet stock, or ready to mold compound. The EPDM rubbers provide optimum performance to the action of oxidizing agents, both under static and dynamic conditions.

Elastomer binder: EPDM

Conductive filler: Nickel Graphite

Color: Black

Flammability rating: N/A

Operating Temperature Range: -45+150°C

DATA	UNIT	TEST METHOD	TOLERANCE	TYPICAL VALUE
Hardness	Shore A	ASTM D2240	+/- 5	75
Specific Gravity	g/cm ³	ASTM D792	+/- 0.3	1,50
Volume Resistivity	Ohm-cm	ASTM D991	Max	0,050
Elongation	%	ASTM D412	Min	200
Tensile PSI	PSI	ASTM D412	Min	150
Tear B ppi	PPI	ASTM D624	Min	70

Catalyzing: Raw material available catalyzed and ready for press cure molding.

Shelf Life: Catalyzed: 6 months. Cold storage will extend shelf life. Cured EPDM: Unlimited

Safety Data: MSDS Information available on request